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**TITLE:** SUPERCHARGING ENGINE-MOUNTED VEHICLE  
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**INVENTOR-INFORMATION:**

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**ABSTRACT:**

**PROBLEM TO BE SOLVED:** To improve cooling performance of an exhaust pipe so as to improve durability, and also improving an exhaust efficiency so as to improve an output by arranging an intake port on the upper side of a cylinder, and arranging an exhaust outlet on the lower side of the cylinder, in a supercharging engine- mounted vehicle in which a cylinder is forward slantly arranged.

**SOLUTION:** In a scooter type motorcycle, an unit swing type engine unit 11 is mounted, the unit 11 comprises an engine main body 12 and a rear wheel transmission gear 13. In the engine main body 12, its cylinder shaft is forward slantly arranged from a vertical direction, a connecting rod supercharging type supercharger 50 is arranged, and pressurized air is supplied into a carburetor 54 for composing a fuel supplying device N. At this time, an intake port 42a for leading new air into a combustion chamber 65 is arranged on the upper side of a cylinder head 42, and also an exhaust outlet 42b is arranged on the lower side of the cylinder head 42, and an exhaust pipe 56 is connected to the exhaust outlet 42b. It is possible to improve cooling property by arranging the exhaust pipe 56 on a position which is easily in contact with outside air such as traveling wind.

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